

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

(For all sources except PSD and true minor sources)

Completed by: Jim Morse

GENERAL INFORMATION:

Name:	HARTCO Hardwood Flooring, L.P.
Address:	5031 Industry Road, Somerset, KY 42501
Date application received:	December 14, 1998
SIC/Source description:	2426
AFS(10-digit) Plant ID:	21-199-00074
EIS #:	105-3460-0074
Application log number:	F927
Permit number:	F-99-026

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(2)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	1.05	15.83
SO ₂	0.04	0.71
NO _x	0.82	26.86
CO	3.8	70.33
VOC	33.53	230.0
LEAD	N.A.	N.A.
HAP ▲ 10 tpy (by CAS)		
Glycol Ethers 0	3.91	39.42
Triethylamine 121-44-8	3.61	18.44
Xylene 1330-20-7	0.18	26.28

SOURCE PROCESS DESCRIPTION:

HARTCO makes prefinished plywood veneer strip flooring. The source has its own veneer mill where veneer is sliced and dried. Pieces are then sorted, edged, and spliced by glueing to form sheets. Sheets are laminated (glued) onto a two-ply base to form a three-ply hardwood veneer plywood. This plywood is ripped into strips of either 2.5 or three inches wide, sanded and sealed. Sides and ends are prepared, then strips are stained, sealed, and topcoated. Finished pieces are then graded and packed for shipment.

All woodworking particulate is controlled by a combination of five Pneumafil baghouses each with a manufacturer's guarantee of 99.6% control efficiency. Secondary control is provided by a cyclone at 80% control efficiency. Sawdust captured in the baghouses is burned in two 16.74 mmBTU/hr boilers.

All finish is applied by roll coating.

EMISSION AND OPERATING CAPS DESCRIPTION:

HARTCO has voluntarily accepted a limit on VOC emissions of 230 tons per rolling 12 month total in order to preclude applicability of 401 KAR 51:017, Prevention of significant deterioration to air quality. This cap will not limit potential emissions of HAP's from exceeding major source thresholds.